

**DECLARATION
AND POWER OF ATTORNEY
U.S.A.**

ALL PATENTS, INCLUDING DESIGN
FOR APPLICATION BASED ON PCT; PARIS CONVENTION;
NON PRIORITY; OR PROVISIONAL APPLICATIONS

FOR ATTORNEY'S USE ONLY
ATTORNEY'S DOCKET NO.

As a below named inventor, I declare that my residence, post office address and citizenship are stated below next to my name, the information given herein is true, that I believe that I am the original, first and sole inventor (if only one name is listed at 201 below), or a first and joint inventor (if plural inventors are named below at 201-203, or on additional sheets attached hereto) of the subject matter which is claimed and for which patent is sought on the invention entitled:

101

which is described and claimed in:

PCT International Application No. _____ filed _____

102

the attached specification

the specification in application Serial No. _____ filed _____

(if applicable) and

amended on _____

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations, §1.56.

I hereby claim foreign priority benefits under Title 35, United States Code, §119 (a)-(d) of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

Prior Foreign Applications:

(Number)

(Country)

(Day/Month/Year Filed)

Priority Claimed

Yes

No

(Number)

(Country)

(Day/Month/Year Filed)

Yes

No

103

(Number)

(Country)

(Day/Month/Year Filed)

Yes

No

104

I hereby claim the benefit under Title 35, United States Code, §119(e) of any United States provisional application(s) listed below:

Application No.

Filing Date

Application No.

Filing Date

I hereby claim the benefit under Title 35, United States Code, §120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations, §1.56 which became available between the filing date of the prior application and the national or PCT international filing date of the application:

105

PCT/IE00/00008

January 17, 2000

Pending

(Application Serial

(Filing Date)

(Status: patented, pending, abandoned)

No.)

POWER OF ATTORNEY: As a named inventor, I hereby appoint the following attorneys (Registration No.) to prosecute this application, receive and act on instructions from my agent, and transact all business in the Patent and Trademark Office connected therewith. HARVEY B. JACOBSON JR. (20,851); D. DOUGLAS PRICE (24,514); JOHN CLARKE HOLMAN (22,769); MARVIN R. STERN (20,640); MICHAEL R. SLOBASKY (26,421); JONATHAN L. SCHERER (29,851); IRWIN M. AISENBERG (19,007); WILLIAM E. PLAYER (31,409)

SEND CORRESPONDENCE TO:

JACOBSON, PRICE, HOLMAN & STERN
PROFESSIONAL LIMITED LIABILITY COMPANY
400 SEVENTH STREET N.W.
WASHINGTON, DC. 20004

DIRECT TELEPHONE CALLS TO:
(please use Attorney's Docket No.) (202) 638-6666

JACOBSON, PRICE, HOLMAN & STERN
PROFESSIONAL LIMITED LIABILITY COMPANY

*Inventor(s) name must include at least one unabbreviated first or middle name.

	FULL NAME OF INVENTOR *	FAMILY NAME Collins,	GIVEN NAME John	MIDDLE NAME Kevin
2 0 1	RESIDENCE & CITIZENSHIP	CITY	STATE OR FOREIGN COUNTRY Ireland	COUNTRY OF CITIZENSHIP Ireland
	POST OFFICE ADDRESS	Spur Hill, Duncloyne	CITY Duncloyne	STATE OR COUNTRY County Cork
2 0 2	FULL NAME OF INVENTOR *	FAMILY NAME O'Sullivan	GIVEN NAME Gerald	MIDDLE NAME Christopher
	RESIDENCE & CITIZENSHIP	CITY Cork	STATE OR FOREIGN COUNTRY Ireland	COUNTRY OF CITIZENSHIP Ireland
	POST OFFICE ADDRESS	POST OFFICE ADDRESS Ballinvelting, Curraheen Rd.	CITY Bishopstown	STATE OR COUNTRY Cork
2 0 3	FULL NAME OF INVENTOR *	FAMILY NAME O'Mahony	GIVEN NAME Liam	MIDDLE NAME
	RESIDENCE & CITIZENSHIP	CITY Cork	STATE OR FOREIGN COUNTRY Ireland	COUNTRY OF CITIZENSHIP Ireland
	POST OFFICE ADDRESS	POST OFFICE ADDRESS 41 Maryville Estate, Ballintemple	CITY Cork	STATE OR COUNTRY County Cork

I further declare that all statements made herein or of my own knowledge are true and that all statement made on transcription and belief are believed to be true; and further that these statements were made with the knowledge that wilful false statements and the like so made are punishable by fine or imprisonment or both, under section 1001 of Title 18 of the United States Code; and that such wilful false statements may jeopardize the validity of the application or any patent issuing thereon.

SIGNATURE OF INVENTOR 201

x John Kevin Collins

SIGNATURE OF INVENTOR 202

x Lewis Miller

SIGNATURE OF INVENTOR 203

x Brian J. Holman

DATE

x 25 June 2001

DATE

x 25 June 2001

DATE

x 25 June 2001

* Additional inventors are named on separately numbered sheets attached hereto. JPH&S 1995 8/95; 3/96; 5/98 (COPYING WITHOUT DELETIONS PERMITTED)

K.C.

5.0

L.O.

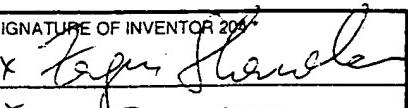
JACOBSON, PRICE, HOLMAN & STERN, PLLC

ADDITIONAL INVENTORS

* Inventor(s) name must include at least one unabbreviated first or middle name.

	FULL NAME OF INVENTOR	FAMILY NAME Shanahan	GIVEN NAME Fergus	MIDDLE NAME
	RESIDENCE & CITIZENSHIP	CITY Kinsale	STATE OR FOREIGN COUNTRY Ireland	COUNTRY OF CITIZENSHIP Ireland
204	POST OFFICE ADDRESS	POST OFFICE ADDRESS Seafort, Fort Hill	CITY Kinsale	STATE OR COUNTRY ZIP CODE Ireland

I further declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are to be true, and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment or both, under section 1001 of Title 18 of the United States Code; and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

SIGNATURE OF INVENTOR 204 	SIGNATURE OF INVENTOR 205 *	SIGNATURE OF INVENTOR 206 *
DATE 25 June 2001	DATE	DATE

Additional inventors are named on separately numbered sheets attached hereto.

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F.S

**SUBSTITUTE DECLARATION
AND POWER OF ATTORNEY**
U.S.A.

ATTORNEYS DOCKET NO.

P66879US0

ALL PATENTS, INCLUDING DESIGN
FOR APPLICATION BASED ON PCT; PARIS CONVENTION;
NON PRIORITY; OR PROVISIONAL APPLICATIONS

As a below named inventor, I declare that my residence, post office address and citizenship are stated below next to my name, the information given herein is true, that I believe that I am the original, first and sole inventor (if only one name is listed at 201 below), or an original, first and joint inventor (if plural inventors are named below at 201-203, or on additional sheets attached hereto) of the subject matter which is claimed and for which patent is sought on the invention entitled:

BIFIDOBACTERIUM IN THE TREATMENT OF INFLAMMATORY DISEASE

101

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103

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105

which is described and claimed in: PCT International Application No. _____ filed _____
 the specification in application Serial No. **09/903,681** filed **July 13, 2001**
 (if applicable) and amended on _____

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above. I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations, §1.56. I hereby claim foreign priority benefits under Title 35, United States Code, §119 (a)-(d) of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

Prior Foreign Application(s)

99 0033

(Number)

Ireland (IE)

(Country)

15 January 1999

(Day/Month/Year Filed)

Priority Claimed

 Yes No

99 0782

(Number)

Ireland (IE)

(Country)

20 September 1999

(Day/Month/Year Filed)

 Yes No

(Number)

(Country)

(Day/Month/Year Filed)

 Yes No

I hereby claim the benefit under Title 35, United States Code, §119(e) of any United States provisional application(s) listed below:

Application No. _____

Filing Date _____

Application No. _____

Filing Date _____

I hereby claim the benefit under Title 35, United States Code, §120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations, §1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application:

PCT/IE00/00008

January 17, 2000

pending

(Status: patented, pending, abandoned)

POWER OF ATTORNEY: As a named inventor, I hereby appoint the following attorneys (Registration No.) to prosecute this application, receive and act on instructions from my agent, and transact all business in the Patent and Trademark Office connected therewith. HARVEY B. JACOBSON, JR. (20,851); JOHN CLARKE HOLMAN (22,769); MARVIN R. STERN (20,840); ALLEN S. MELSER (27,215); MICHAEL R. SLOBASKY (28,421); JONATHAN L. SCHERER (29,851); IRWIN M. AISENBERG (19,007); WILLIAM E. PLAYER (31,409); YOON S. HAM (46,307) and NATHANIEL A. HUMPHRIES (22,772)

SEND CORRESPONDENCE TO: CUSTOMER NO. 00136 or JACOBSON HOLMAN PROFESSIONAL LIMITED LIABILITY COMPANY 400 SEVENTH STREET, N.W. WASHINGTON, D.C. 20004		DIRECT TELEPHONE CALLS TO: (please use Attorney's Docket No.) (202) 838-6666 JACOBSON HOLMAN PROFESSIONAL LIMITED LIABILITY COMPANY	
--	--	---	--

*Inventor(s) name must include at least one unabbreviated first or middle name.

201 201 202 202 203 203	FULL NAME * OF INVENTOR COLLINS	FAMILY NAME Doughcloyne	GIVEN NAME John	MIDDLE NAME Kevin
	RESIDENCE & CITIZENSHIP CITY	STATE OR FOREIGN COUNTRY Ireland	COUNTRY OF CITIZENSHIP Ireland	
	POST OFFICE ADDRESS Spur Hill	CITY Doughcloyne	STATE OR COUNTRY Ireland	ZIP CODE
	FULL NAME * OF INVENTOR O'SULLIVAN	FAMILY NAME Cork	GIVEN NAME Gerald	MIDDLE NAME Christopher
	RESIDENCE & CITIZENSHIP CITY	STATE OR FOREIGN COUNTRY Ireland	COUNTRY OF CITIZENSHIP Ireland	
	POST OFFICE ADDRESS POST OFFICE ADDRESS Ballinvelting, Curraheen Rd., BISHOPSTOWN	CITY Cork	STATE OR COUNTRY Ireland	ZIP CODE
	FULL NAME * OF INVENTOR O'MAHONY	FAMILY NAME Cork	GIVEN NAME Liam	MIDDLE NAME
	RESIDENCE & CITIZENSHIP CITY	STATE OR FOREIGN COUNTRY Ireland	COUNTRY OF CITIZENSHIP Ireland	
	POST OFFICE ADDRESS 41 Maryville Estate, Ballintemple	CITY Cork	STATE OR COUNTRY Ireland	ZIP CODE

I further declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment or both, under section 1001 of Title 18 of the United States Code; and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

SIGNATURE OF INVENTOR 201 <i>Nathaniel A. Humphries</i>	SIGNATURE OF INVENTOR 202 <i>Harvey B. Jacobson, Jr.</i>	SIGNATURE OF INVENTOR 203 <i>John Clarke Holman</i>
DATE 17 September 2001	DATE 17 September 2001	DATE 17 September 2001

Additional inventors are named on separately numbered sheets attached hereto.

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**JACOBSON HOLMAN PLLC
ADDITIONAL INVENTORS**

Inventor(s) name must include at least one unabbreviated first or middle name.

204	FULL NAME * OF INVENTOR RESIDENCE & CITIZENSHIP	FAMILY NAME SHANAHAN CITY Kinsale	GIVEN NAME Fergus STATE OR FOREIGN COUNTRY Ireland	MIDDLE NAME COUNTRY OF CITIZENSHIP Ireland
	POST OFFICE ADDRESS	POST OFFICE ADDRESS Seafort, Fort Hill	CITY Kinsale	STATE OR COUNTRY Ireland ZIP CODE
205	FULL NAME * OF INVENTOR RESIDENCE & CITIZENSHIP	FAMILY NAME CITY	GIVEN NAME STATE OR FOREIGN COUNTRY	MIDDLE NAME COUNTRY OF CITIZENSHIP
	POST OFFICE ADDRESS	POST OFFICE ADDRESS	CITY	STATE OR COUNTRY ZIP CODE
206	FULL NAME * OF INVENTOR RESIDENCE & CITIZENSHIP	FAMILY NAME CITY	GIVEN NAME STATE OR FOREIGN COUNTRY	MIDDLE NAME COUNTRY OF CITIZENSHIP
	POST OFFICE ADDRESS	POST OFFICE ADDRESS	CITY	STATE OR COUNTRY ZIP CODE
207	FULL NAME * OF INVENTOR RESIDENCE & CITIZENSHIP	FAMILY NAME CITY	GIVEN NAME STATE OR FOREIGN COUNTRY	MIDDLE NAME COUNTRY OF CITIZENSHIP
	POST OFFICE ADDRESS	POST OFFICE ADDRESS	CITY	STATE OR COUNTRY ZIP CODE
208	FULL NAME * OF INVENTOR RESIDENCE & CITIZENSHIP	FAMILY NAME CITY	GIVEN NAME STATE OR FOREIGN COUNTRY	MIDDLE NAME COUNTRY OF CITIZENSHIP
	POST OFFICE ADDRESS	POST OFFICE ADDRESS	CITY	STATE OR COUNTRY ZIP CODE
209	FULL NAME * OF INVENTOR RESIDENCE & CITIZENSHIP	FAMILY NAME CITY	GIVEN NAME STATE OR FOREIGN COUNTRY	MIDDLE NAME COUNTRY OF CITIZENSHIP
	POST OFFICE ADDRESS	POST OFFICE ADDRESS	CITY	STATE OR COUNTRY ZIP CODE
210	FULL NAME * OF INVENTOR RESIDENCE & CITIZENSHIP	FAMILY NAME CITY	GIVEN NAME STATE OR FOREIGN COUNTRY	MIDDLE NAME COUNTRY OF CITIZENSHIP
	POST OFFICE ADDRESS	POST OFFICE ADDRESS	CITY	STATE OR COUNTRY ZIP CODE
211	FULL NAME * OF INVENTOR RESIDENCE & CITIZENSHIP	FAMILY NAME CITY	GIVEN NAME STATE OR FOREIGN COUNTRY	MIDDLE NAME COUNTRY OF CITIZENSHIP
	POST OFFICE ADDRESS	POST OFFICE ADDRESS	CITY	STATE OR COUNTRY ZIP CODE

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SIGNATURE OF INVENTOR 204 *	SIGNATURE OF INVENTOR 205 *	SIGNATURE OF INVENTOR 206 *
		
DATE 17 September 2001	DATE	DATE
SIGNATURE OF INVENTOR 207 *	SIGNATURE OF INVENTOR 208 *	SIGNATURE OF INVENTOR 209 *
DATE	DATE	DATE
SIGNATURE OF INVENTOR 210 *	SIGNATURE OF INVENTOR 211 *	
DATE	DATE	

Additional inventors are named on separately numbered sheets attached hereto.
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